

Title (en)  
Directional coupler and optical waveguide

Title (de)  
Richtkoppler und Lichtwellenleiter

Title (fr)  
Coupleur directionnel et guide d'ondes optiques

Publication  
**EP 2696227 B1 20190925 (EN)**

Application  
**EP 12179654 A 20120808**

Priority  
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Abstract (en)  
[origin: EP2696227A1] The invention relates to a directional coupler, comprising - a first and a second optical waveguide (110, 120) extending at least partially parallel to one another, wherein - the first and/or the second optical waveguide has a polymer cladding and a core (112) that at least partially comprises or consists of a dielectric material. The invention also relates to an optical waveguide comprising a polymer cladding and a tapered dielectric core.

IPC 8 full level  
**G02B 6/125** (2006.01); **G02F 1/01** (2006.01); **H01S 5/026** (2006.01); **H01S 5/14** (2006.01); **H01S 5/40** (2006.01)

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Cited by  
CN114243428A; US10996493B2; WO2018096099A3

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